

restriction requirement. Applicants expressly reserve the right to present these claims in one or more divisional applications. Favorable examination of all of the pending claims is requested.

Restriction Requirement

The Office Action identifies three groups of claims (claims 1-9, 11, 16-24 and 29-30 are in Group I; claims 10 and 12-15 are in Group II; claims 25-26 and 31 are in Group III). The Office Action states that Groups I, II and III are unrelated, in that they are not disclosed as capable of use together and they have different modes of operation, different functions or different effects.

Applicants have elected the claims in Group I, without traverse, but adds the following comments to clarify the record. First, claims 12-15 do not recite a switched capacitor filter, but instead recite an apparatus comprising switched capacitor cells. The specification discloses that the switched capacitor cells may be used for example in forming a switched capacitor DAC (see page 21, lines 4-5).

Second, Applicants respectfully submit that, in contrast to the assertions in the Office Action, various embodiments of the three Groups are capable of being used together, as pointed out throughout the specification (See, for example, Fig. 27 and page 29, lines 13-26 which discloses a portion of a DAC stage in combination with an SC filter stage; Fig. 16A, Fig. 28A, and page 21, lines 4-5 which disclose that an embodiment of a switched capacitor cell may be used for example in a switched capacitor DAC; and Fig. 35 and page 33, lines 19-20, which disclose that in an embodiment of an ADC the feedback element may be a DAC that employs one or more of the methods or devices described in the application).

Third, claim 27 which recites a handset comprising a switched capacitor network having a plurality of sub DACs, is not included in Group I, II or III. Because the subject matter of claim 27 appears closest to that of Group I, which already includes claims that recite a DAC, Applicants would appreciate if the Examiner would consider adding claim 27 into Group I.

Claim Objections

The Office Action states that there are two claims numbered 15 and that there is no claim 28.

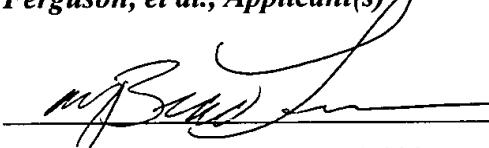
Both claims numbered 15 have been cancelled, without prejudice in response to the restriction requirement. Applicant acknowledges the absence of claim 28, but requests that any requirement to renumber the claims be postponed.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825

Respectfully submitted

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